EPSON®
EXCEED YOUR VISION

Epson Support Services
PowerLite Professional Series projectors are backed by a three-year limited warranty, which includes 24-hour access to a service and support line manned by AV/network specialists. It also includes access to a website where you can access installation documents. And, with our included Road Service program, you can receive next-day-shipping replacement products throughout the duration of the warranty period.

Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

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Epson Canada, Ltd.
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www.epson.com
www.epson.ca

1 Data source: ProjectorCentral.com Jan 2010. Average of 910 shipping models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels.
2 These projectors do not meet the DICOM standard Part 14 and should not be used as a medical diagnostic device.
3 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.
4 Recommended based on normal room conditions. Cleaning requirements may vary depending on use, environment and other conditions. Cleaning intervals may be adjusted to accommodate the environment in which the projector is used.
5 Color and white light output will vary depending on mode selected. White light output measured using ISO 21118 standard.

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PowerLite® Pro G Series

EPSON®
EXCEED YOUR VISION

PowerLite Pro G5550NL | PowerLite Pro G5650WNL | PowerLite Pro G5950NL | PowerLite Pro G5450WUNL | PowerLite Pro G5750WUNL

Quality and Reliability | Precision Control | Low Cost of Ownership

The best selling projectors Epson Projectors in the world

3LCD

Pro G series projectors

Engineered for easy installation and added flexibility.

Developed with quality, reliability and precision control in mind, Epson Pro G series projectors are the perfect choice for installation applications, with high brightness and resolution that goes beyond Full HD. They offer convenient installation tools, cutting-edge features including split screen and collaboration solutions, and advanced networking and control solutions.

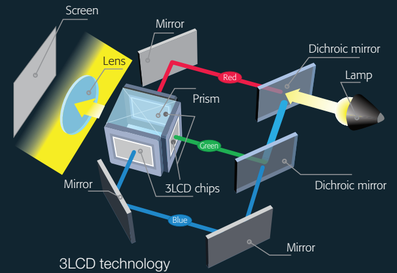
The best-selling projectors in the world.

Epson understands business and education and has a solution no matter what your situation. Built with image quality and reliability in mind, Epson projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From long-throw projectors to ultra-short-throw and all-in-one solutions, Epson has the model made for you.

Brilliant image quality

3LCD technology — for quality and color that's beyond amazing

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors[1]
- Over 20 years of road-tested reliability built into every projector



3LCD technology

Advanced sharpness

Another feature Epson has transferred over from its industry-leading home cinema projectors — advanced sharpness for video. Depending on the content, user can adjust any of the following attributes of the image depending on the content: thin line enhancement, thick line enhancement, vertical line enhancement or horizontal line enhancement.

Amazing color light output

Rich color and detail are critical for presentations — that's why it's important to understand that color light output is an essential ingredient in achieving optimum performance.

C²Fine™ technology delivers a higher contrast ratio

C²Fine offers smooth, uniform images with exceptional contrast for better image quality. Based on this new phase-compensation technology, light leakage is eliminated, and, when combined with auto iris, it allows for contrast ratios of up to 2000:1 using the Pro G series projectors.

With C²Fine

Without C²Fine

Enhanced connectivity

The PowerLite Pro G series projectors offer diverse connectivity:

G5550NL/G5650WNL/G5950NL

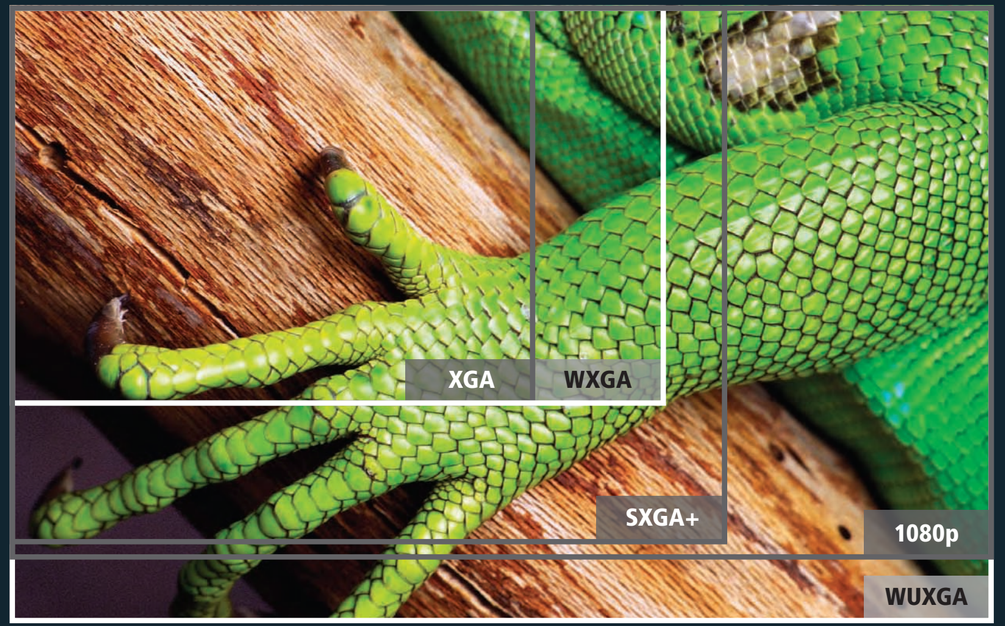
- Full digital connectivity with HDMI port
- 5 BNC, 2 video/audio, 2x VGA and RS-232 for additional flexibility

G5450WUNL/G5750WUNL

- Full digital connectivity with HDMI and DVI-D ports
- 5 BNC, 2 video/audio, 1x VGA and RS-232 for additional flexibility

Beyond Hi-Def

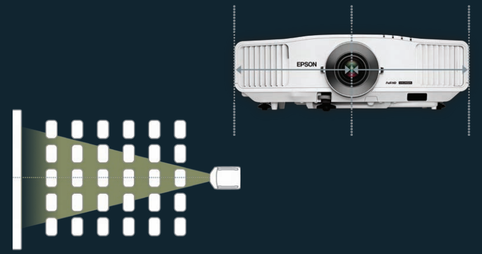
Deliver high quality images and crisp, sharp text without any distortion or scaling — up to Full HD content at its native resolution with quality that surpasses even that of 1080p devices. WUXGA resolution is ideal for applications requiring Full Hi-Def, including Blu-Ray® content, graphic intensive programs and any application requiring exceptional detail.



Easy and flexible installations

Centered lens design

With lens-to-screen alignment, the PowerLite Pro G series make installation easy to plan. Installers can position the ceiling mount, screen and projector independently of one another, knowing that the center of the screen will align with the lens at the center of the projector.

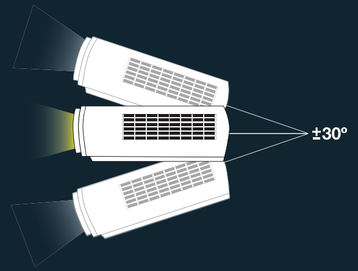


Five lens options

With a 1.8x standard lens (not included), the PowerLite Pro G series projectors offer remarkable placement flexibility. For even greater flexibility, Epson offers a total of five lenses with varying ranges including a rear-throw lens. This allows users to choose the motorized lens most suited for their environment. A quick release lever allows for a quick, easy lens exchange.

Off-axis, flexible installation

The PowerLite Pro G series projectors also feature a ±30-degree tilt operation for off-axis positioning flexibility. As a result, the projectors can be used for a wide range of applications, such as projecting on angled surfaces. Epson technology keeps the projector running without compromising performance or causing overheating.



Keystone correction

Adjusts up to ±40 degrees vertically and up to ±20 degrees horizontally to easily achieve a perfect rectangular image.

Epson's lens shift technology

In addition to added reliability and amazing color performance, Epson's industry-leading 3LCD technology enables these projectors to achieve a wide range of lens shift capabilities, allowing you to install around obstacles. This lens shift technology enables an incredible range of up to ±60 percent on the vertical axis and ±10 percent on the horizontal axis.

Quick Corner®

This innovative feature allows you to move any of the four corners of an image independently at setup, using the remote control to adjust each corner for a perfectly rectangular picture.

Advanced control, monitoring and communication

Epson's EasyMP® Monitor tool

If you are searching for a solution that gives you control over your time, Epson network projectors with EasyMP Monitor capabilities can help. Epson network projectors contain built-in remote access, with no licensing fees added, to Epson monitor software. These features also give you added control, and the ability to troubleshoot and monitor all Epson network projectors from any computer over a wired or wireless Ethernet network.

Additional features to assist administrators/help desk

- Remote access and control through the network
- Remote monitoring of up to 1024 Epson networked projectors
- View status, including input sources, power on/off, lamp life hours and more
- Preventative maintenance features including temperature levels and error alerts
- Schedule filter and lamp timer settings
- E-mail notification (SMTP) to send alerts to your handheld device
- Enterprise SNMP plug-in available

Network projection — content over IP

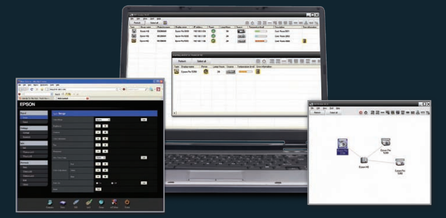
You can use EasyMP Network Projection to project your computer screen through the projector, via a network, for effective meetings, presentations and digital signage applications. You can use either wired or high-security wireless LAN connections and project the same or up to four different images on up to four projectors, or display a panoramic image.

Full networkability

Epson network projectors can also be accessed from your browser via an internal web page. Whether you assign a static IP address or enable DHCP, the projector becomes accessible once it's integrated in your network. The internal web page lets you control items such as network configuration, projector settings and e-mail alerts.

Message broadcasting

This innovative feature enables you to broadcast customized images/alerts over the network for announcements or instructions. Messages can be sent to up to 1024 projectors simultaneously and will overwrite the current screen content if the projector is being used, unless this function is disabled by the presenter. If the projector is off, message broadcasting will turn the projector on and then display the message.



Other connectivity options

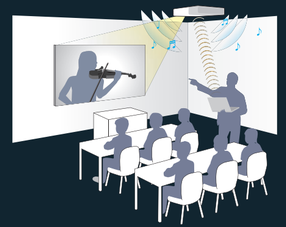
PC-free presentations

Who says you need a computer to make a presentation?

- Just plug your USB device into the USB port, and you are ready to display whichever slide you choose from the drive
- Compatible with the following file formats: JPG/BMP/GIF/PNG/FSE/SIT*
- Create a slideshow using files on the USB drive

Wireless connectivity

Wirelessly connect — you can either connect to a wireless network (infrastructure) or to an ad hoc (peer-to-peer) wireless computer. You can either use your projector's built-in wireless function or add an optional wireless module.*



- **Wireless LAN module**

  This module adds wireless functionality to your projector. You can use this module to connect to a wireless infrastructure, and make a presentation or monitor/control your projector over the wireless network.

- **Quick Connect Wireless USB key**

  If you want to set up an ad hoc (peer-to-peer) wireless connection with a PC, you will need this key in addition to the wireless LAN module. Insert the key into your projector and allow it to read the information. Then, insert the key into your laptop. The key will automatically transfer the information. You can then start making presentations from your computer, wirelessly.

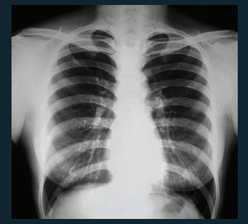
Full-featured performance

DIAGNOSIS
• Patient history
• Physical examination
• Diagnostic texts including x-ray to reveal structural pathology
• Flexible fiberoptic bronchoscopy to look for compression or infection

DICOM Simulation Mode

DICOM (Digital Imaging and Communication in Medicine) is a standard for handling, storing, printing and transmitting medical imaging information. The projector's DICOM Simulation Mode[2] enables users to reproduce images with an advanced grayscale level that simulates DICOM Part 14. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

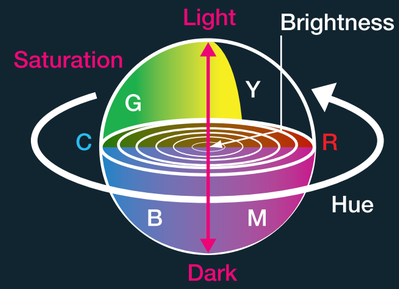
Normal Mode



DICOM Simulation Mode

6-axis color adjustment

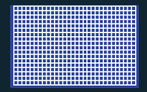
For special projection material such as high-quality photographs or artwork, users can adjust the hue, saturation and brightness for six colors, RGBCMY (Red, Green, Blue, Cyan, Magenta, Yellow).



Test patterns

The PowerLite Pro G series also features four test patterns for precise setup, including detecting distortion, checking linearity, color reproduction and bleeding, and DICOM Simulation Mode.[2]

Standard



Cross-Hatch

Color Bars

Grayscale

Improved video with 3:2 and 2:2 pull-down options*

3:2 pull-down creates 60 frames per second and 2:2 pull-down creates 48 frames per second from 24 frames.

- 3:2 pull-down: The image is smoother.
- 2:2 pull-down: The one frame length is the same as film. It is ideal for movies.

*Available only on the Pro G5450WUNL and Pro G5750WUNL models.

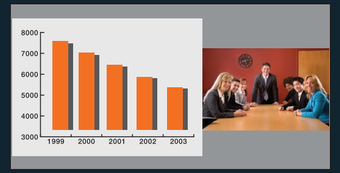
Powerful content management

Split Screen

Split Screen allows you to display content from two inputs* simultaneously, side by side, on a single screen with the following features:

- Three layout options, as shown below
- Video and presentation materials displayed simultaneously
- The ability to run video on both screens

Layout Option 1:
50-50% split screen



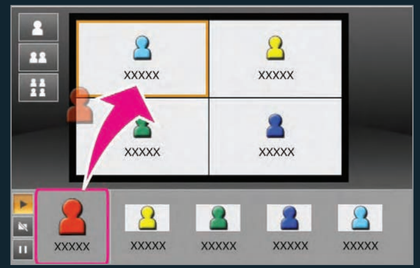
Layout Option 2:
Main image on the left

Layout Option 3:
Main image on the right

*One of the inputs needs to be either HDMI or DVI-D.

Multi-PC projection

Epson Multi-PC Collaboration utility allows you to display four individual PC screens simultaneously over the network with another 12 users connected to the same projector on Standby mode. You can drag and drop participants into or out of one of the four quadrants. This feature is a great tool for meetings or classroom projects where multiple users want to present and compare their screens. You can also connect up to four remote projectors at the same time and show the same multi-screen image — another great tool for remote meeting setups.



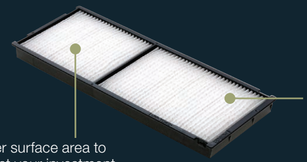
Low cost of ownership

Long-life lamp that's easy to replace

This high-efficiency lamp lasts up to 2000 hours in Normal Mode and up to 3000 hours in ECO Mode.[3] It can be replaced quickly and easily, without having to uninstall the projector from the ceiling.

Long-life electrostatic air filter

This innovative filter was designed to protect the optical engine, lamp and electronics from small dust particles that can enter any projector. It has a recommended 3000-hour filter cleaning schedule[4] and can capture particles as small as three microns, due in part to its pleated, expanded design.



Larger surface area to protect your investment

The electrostatic filter is highly efficient at minimizing dust and also very durable. It captures dust particles down to the three-micron level.

Built-in 7 W speaker

- For multimedia applications — to engage your audience

Built-in closed captioning

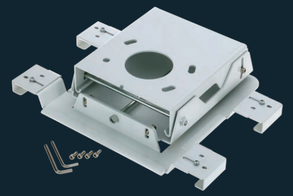
- Accommodates those with hearing impairments
- Delivers important content when audio broadcasting is not preferred
- Helps save money — no need to pay for an additional decoder and its installation
- Effective and easy to use — easily enabled or disabled through the projector remote or menu

Product detail and accessories

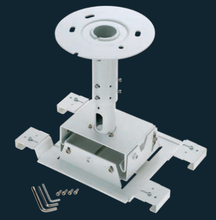
G5450WUNL/G5550NL/G5650WNL/
G5750WUNL/G5950NL (Top view)

G5750WUNL
(Product shown with lens)

Remote Control

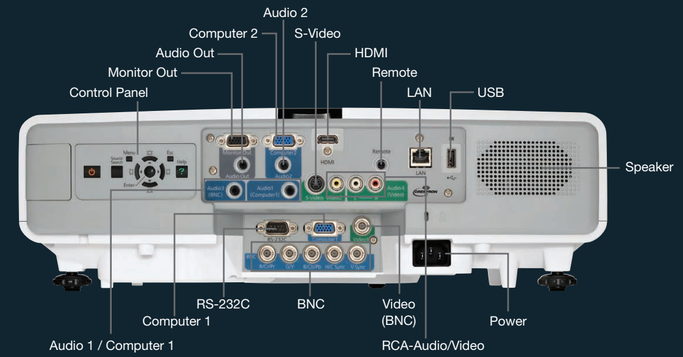


Flush Mount

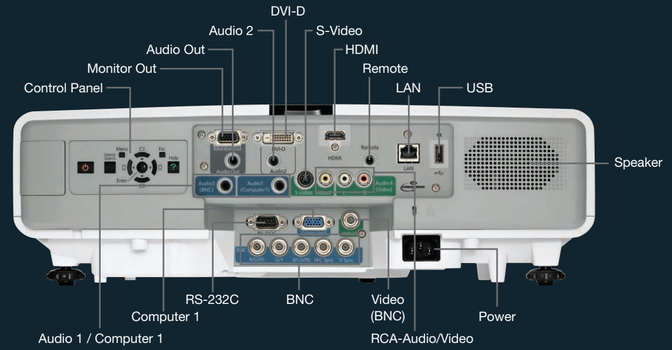


Extended Pipe Mount

G5550NL/G5650WNL/G5950NL



G5450WUNL/G5750WUNL

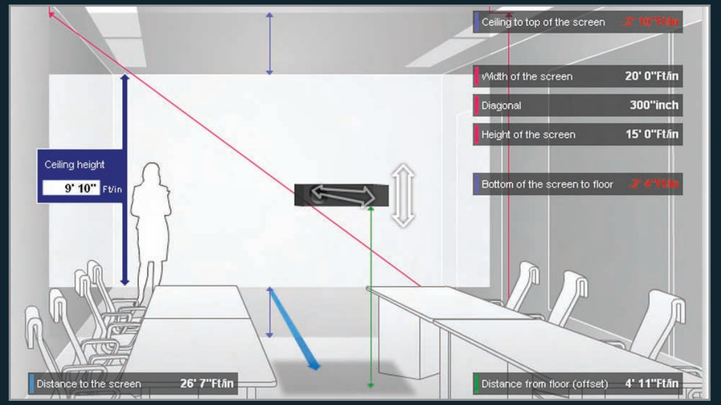


Epson installation tools*

Epson knows that choosing, installing and using a projection device correctly is very important.
We have collected helpful tips and resources to make the process easier.

Throw Distance Calculator

Use the throw distance calculator to determine which projector is right for your room size.


Ceiling to top of the screen
Width of the screen 20' 0"Ft/in
Diagonal 300"inch
Height of the screen 15' 0"Ft/in
Bottom of the screen to floor
Ceiling height
9' 10" Ft/in
Distance to the screen 26' 7"Ft/in
Distance from floor (offset) 4' 11"Ft/in

You can interactively change the following attributes and find the right projector solution for your application:

- Projector model
- Lens type
- Lens shift
- Projection distance
- Screen size
- Screen positioning on the wall
- Aspect ratio

Online Installation Handbook

Find a step-by-step guide to help with the most challenging installation situations.

- Throw distance calculations
- CAD drawings
- Mounting information
- Connectivity information
- RS-232 control codes
- Remote control information
- Environmental requirements
- Maintenance information
- Optional accessories

Visit epson.com for additional information on documentation and installation tools.

*Available on select models. Please see individual specification sheets for details on individual products.

Epson product specifications

Model	G5550NL	G5650WNL	G5950NL	G5450WUNL	G5750WUNL
Part Number	V11H351920	V11H347920	V11H349920	V11H346920	V11H345920
Genuine Epson Lamp	V13H010L62	V13H010L63	V13H010L63	V13H010L62	V13H010L63
Replacement Air Filter	V13H134A17	V13H134A17	V13H134A17	V13H134A17	V13H134A17
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)
Color and White Light Output[5] (ISO 21118 standard)	4500 lumens	4500 lumens	5200 lumens	4000 lumens	4500 lumens
Contrast Ratio (High Brightness, Dynamic Mode)	1000:1	2000:1	2000:1	1000:1	1500:1
Lens Shift	Vertical: ±50 percent Horizontal: ±10 percent	Vertical: ±60 percent Horizontal: ±10 percent	Vertical: ±50 percent Horizontal: ±10 percent	Vertical: ±58 percent Horizontal: ±9 percent	Vertical: ±58 percent Horizontal: ±9 percent
Lamp Type	275 W UHE	330 W UHE	330 W UHE	275 W UHE	330 W UHE
Keystone Correction	Vertical: ±40 degrees Horizontal: ±20 degrees	Vertical: ±40 degrees Horizontal: ±20 degrees	Vertical: ±40 degrees Horizontal: ±20 degrees	Vertical: ±30 degrees Horizontal: ±20 degrees	Vertical: ±30 degrees Horizontal: ±20 degrees
Power Consumption	390 W (Normal Mode), 323 W (ECO Mode)	464 W (Normal Mode), 383 W (ECO Mode)	413 W (Normal Mode), 345 W (ECO Mode)	413 W (Normal Mode), 345 W (ECO Mode)	477 W (Normal Mode), 394 W (ECO Mode)
Fan Noise	33 dB (Normal Mode), 28 dB (ECO Mode)	39 dB (Normal Mode), 33 dB (ECO Mode)	35 dB (Normal Mode), 30 dB (ECO Mode)	35 dB (Normal Mode), 30 dB (ECO Mode)	39 dB (Normal Mode), 33 dB (ECO Mode)
Interfaces	HDMI x 1 Computer: D-sub 15 pin x 2 Video-1: 5-BNC x 1 Video-2: RCA x 1 Composite video: BNC x 1 S-Video x 1 Audio-in: Mini stereo x 3 Audio-in: RCA (L&R) x 1 Network: RJ-45 x 1, 100 Mbps USB Type-A x 1 Serial: RS-232c x 1 Hardwire Remote Jack x 1 Monitor-Out: D-sub 15 pin x 1	HDMI x 1 Computer: D-sub 15 pin x 2 Video-1: 5-BNC x 1 Video-2: RCA x 1 Composite video: BNC x 1 S-Video x 1 Audio-in: Mini stereo x 3 Audio-in: RCA (L&R) x 1 Network: RJ-45 x 1, 100 Mbps USB Type-A x 1 Serial: RS-232c x 1 Hardwire Remote Jack x 1 Monitor-Out: D-sub 15 pin x 1	HDMI x 1 Computer: D-sub 15 pin x 2 Video-1: 5-BNC x 1 Video-2: RCA x 1 Composite video: BNC x 1 S-Video x 1 Audio-in: Mini stereo x 3 Audio-in: RCA (L&R) x 1 Network: RJ-45 x 1, 100 Mbps USB Type-A x 1 Serial: RS-232c x 1 Hardwire Remote Jack x 1 Monitor-Out: D-sub 15 pin x 1	HDMI x 1 DVI-D x 1 Computer: D-sub 15 pin x 1 Video-1: 5-BNC x 1 Video-2: RCA x 1 Composite video: BNC x 1 S-Video x 1 Audio-in: Mini stereo x 3 Audio-in: RCA (L&R) x 1 Network: RJ-45 x 1, 100 Mbps USB Type-A x 1 Serial: RS-232c x 1 Hardwire Remote Jack x 1 Monitor-Out: D-sub 15 pin x 1	HDMI x 1 DVI-D x 1 Computer: D-sub 15 pin x 1 Video-1: 5-BNC x 1 Video-2: RCA x 1 Composite video: BNC x 1 S-Video x 1 Audio-in: Mini stereo x 3 Audio-in: RCA (L&R) x 1 Network: RJ-45 x 1, 100 Mbps USB Type-A x 1 Serial: RS-232c x 1 Hardwire Remote Jack x 1 Monitor-Out: D-sub 15 pin x 1
Projection System	High-aperture Epson 3LCD, 3-chip technology				
Projection Method	Front/rear/ceiling mount				
Aspect Ratio	Supports 4:3, 16:9, 16:10				
Color Reproduction	16.7 million				
Size (projection distance)	30" – 300"				
Lamp Life	2000 hours (Normal mode), 3000 hours (ECO mode)				
Pixel Clock	13.5 – 162 MHz (up to UXGA 60 Hz)				
Horizontal Frequency	15 kHz – 92 kHz				
Vertical Frequency	50 Hz – 85 Hz